

Box 509  
IFW

Docket No.: 0760-0347PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Haruo HANAWA

Application No.: 10/541,626 ✓

Confirmation No.: 8303

Filed: July 7, 2005

Art Unit: 1644

For: VECTOR FOR GENE THERAPY AND  
METHOD OF QUANTIFYING TARGET  
PROTEIN IN MAMMAL OR CULTURED  
CELLS WITH THE ADMINISTRATION OF  
THE VECTOR FOR GENE THERAPY

Examiner: Not Yet Assigned

**REPLY TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Defective Response dated May 10, 2006, Applicant respectfully submits:

- ☒ Attached is a copy of the Notification of Defective Response.
- ☐ Attached are 0 sheet(s) of drawings. Please substitute these replacement drawings for the corresponding 0 sheets of drawings on file in the above-identified application.
- ☒ Attached is a preliminary amendment.
- ☐ Attached is a Claim for Priority document.
- ☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).

☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).

☐ Attached is a substitute specification which complies with 37 C.F.R. § 1.52. Also attached is a marked-up version, showing the changes made. The substitute specification does not contain new matter.

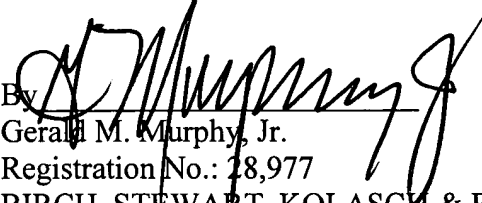
☐ Attached is a Petition for Extension of Time.

☐ Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: JUN 9 2006

Respectfully submitted,

  
By  
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Attachments: Preliminary Amendment  
Disk Copy of Sequence Listing  
Paper Copy of Sequence Listing  
Copy of Notification of Defective Response



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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LTP

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,626	Haruo Hanawa	0760-0347PUS1

2292  
BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA 22040-0747

DOCKETED

*sequence listing*  
6-10-06

INTERNATIONAL APPLICATION NO.	
PCT/JP03/16956	
I.A. FILING DATE	PRIORITY DATE
12/26/2003	01/10/2003

CONFIRMATION NO. 8303

371 FORMALITIES LETTER



\*OC000000018733698\*

Date Mailed: 05/10/2006

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 07/07/2005
- Copy of the International Search Report filed on 07/07/2005
- Preliminary Amendments filed on 07/07/2005
- Information Disclosure Statements filed on 07/07/2005
- Biochemical Sequence Diskette filed on 04/24/2006
- Oath or Declaration filed on 07/07/2005
- Biochemical Sequence Listing filed on 07/07/2005
- Request for Immediate Examination filed on 07/07/2005
- U.S. Basic National Fees filed on 07/07/2005
- Assignment filed on 07/07/2005
- Priority Documents filed on 07/07/2005
- Specification filed on 07/07/2005
- Claims filed on 07/07/2005
- Abstracts filed on 07/07/2005
- Drawings filed on 07/07/2005

Applicant's response filed 04/24/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 02/23/2006 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,626	PCT/JP03/16956	0760-0347PUS1